

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US03/27828

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : E04B 9/00

US CL : 52/506.03, 28, 506.06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 52/506.03, 28, 506.06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | US 4,835,916 A (STEADMAN) 6 June 1989 (06.06.1989), Entire document | 1-51 |
| A | US 5,261,204 A (NEFF) 16 November 1993 (16.11.1993), Entire document | 1-51 |
| A | US 4,932,170 A (SPEAR) 12 June 1990 (12.06.1990), Entire document | 1-51 |
| A | US 4,540,847 A (GARDNER) 10 September 1985 (10.09.1985), Entire document | 1-51 |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

22 January 2004 (22.01.2004)

Date of mailing of the international search report

28 JAN 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Carl Friedman

Telephone No. (703) 308-1113